

*Please provide the following information, and submit to the NOAA DM Plan Repository.*

**Reference to Master DM Plan (if applicable)**

*As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.*

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

**1. General Description of Data to be Managed****1.1. Name of the Data, data collection Project, or data-producing Program:**

Alaska juvenile Steller Sea Lion Telemetry Dataset from the Eastern Aleutian Islands, 2000-2002

**1.2. Summary description of the data:**

To better understand potential mechanisms underlying continued population declines of Steller sea lions in Alaska, we captured and deployed satellite-linked transmitters on 30 juvenile (ages 5-21 months) Steller sea lions during 2000-2003 to better understand habitat use, movements, and foraging behavior among the among the eastern Aleutian Islands.

**1.3. Is this a one-time data collection, or an ongoing series of measurements?**

One-time data collection

**1.4. Actual or planned temporal coverage of the data:**

2000 to 2002

**1.5. Actual or planned geographic coverage of the data:**

W: 170, E: -125, N: 63, S: 48

Bering Sea, Aleutian Islands, Gulf of Alaska, North Pacific Ocean

**1.6. Type(s) of data:**

*(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)*

Table (digital)

**1.7. Data collection method(s):**

*(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)*

Instrument: Animal-mounted instrument

Platform: Animal based Platform - Mammal

Physical Collection / Fishing Gear: Not applicable

**1.8. If data are from a NOAA Observing System of Record, indicate name of system:**

**1.8.1. If data are from another observing system, please specify:****2. Point of Contact for this Data Management Plan (author or maintainer)****2.1. Name:**

Brian Fadely

**2.2. Title:**

Metadata Contact

**2.3. Affiliation or facility:****2.4. E-mail address:**

brian.fadely@noaa.gov

**2.5. Phone number:**

206-526-6173

**3. Responsible Party for Data Management**

*Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.*

**3.1. Name:**

Jeremy Sterling

**3.2. Title:**

Data Steward

**4. Resources**

*Programs must identify resources within their own budget for managing the data they produce.*

**4.1. Have resources for management of these data been identified?**

No

**4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):**

Unknown

**5. Data Lineage and Quality**

*NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.*

**5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible**

*(describe or provide URL of description):*

Lineage Statement:

This dataset represents data published in Fadely et al. (2005). During 2000-2002, 30 immature Steller sea lions were captured on haul-out sites in the northern Gulf of Alaska and Aleutian Islands on land or in water. Captures occurred during February-March of each year and during November 2001. Sea lions were physically or chemically restrained and satellite tags were attached to the dorsal pelage near the shoulders using quick-setting epoxy. All sea lions were immature juveniles between 5-21 months old, estimated assuming mid-June birth dates and based on capture date, tooth eruption, and sea lion size. Because of size overlap within this age group some ages may have been incorrectly estimated. Telemetry data files were delivered from Argos/CLS America to the Alaska Ecosystems Program via direct electronic download, email or compact disc, and decoded using Argos/CLS America and All data were obtained through Service Argos, Inc. (Argos 1996) and decoded using SATPAK software or a data analysis program (DAP; Wildlife Computers Inc.), and maintained in Microsoft Access. See Fadely et al. (2005) for lineage details.

**Process Steps:**

- Sea lions were captured on-land or in water. (Citation: Fadely et al. 2005. Immature Steller sea lion (*Eumetopias jubatus*) dive activity in relation to habitat features of the eastern Aleutian Islands.)
- physically or chemically restrained and satellite tags attached to the dorsal pelage near the shoulders using quick-setting epoxy. (Citation: Fadely et al. 2005. Immature Steller sea lion (*Eumetopias jubatus*) dive activity in relation to habitat features of the eastern Aleutian Islands.)

**5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:**

**5.2. Quality control procedures employed (describe or provide URL of description):**

No quality control procedures have been employed. This data set is an archive of the Argos messages as transmitted from tags deployed on wild animals in challenging environments. All attempts have been made to preserve the state of the data as delivered from Argos.

**6. Data Documentation**

*The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.*

**6.1. Does metadata comply with EDMC Data Documentation directive?**

Yes

**6.1.1. If metadata are non-existent or non-compliant, please explain:**

**6.2. Name of organization or facility providing metadata hosting:**

NMFS Office of Science and Technology

**6.2.1. If service is needed for metadata hosting, please indicate:****6.3. URL of metadata folder or data catalog, if known:**

<https://www.fisheries.noaa.gov/inport/item/27455>

**6.4. Process for producing and maintaining metadata**

*(describe or provide URL of description):*

Metadata produced and maintained in accordance with the NOAA Data Documentation Procedural Directive: [https://nosc.noaa.gov/EDMC/DAARWG/docs/EDMC\\_PD-Data\\_Documentation\\_v1.pdf](https://nosc.noaa.gov/EDMC/DAARWG/docs/EDMC_PD-Data_Documentation_v1.pdf)

**7. Data Access**

*NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.*

**7.1. Do these data comply with the Data Access directive?**

Yes

**7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?****7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:****7.2. Name of organization of facility providing data access:**

Alaska Fisheries Science Center (AFSC)

**7.2.1. If data hosting service is needed, please indicate:**

Yes

**7.2.2. URL of data access service, if known:**

<https://cn.dataone.org/cn/v2/resolve/35c92bf5-9d8d-40f7-810c-c050743dbcb>

<https://dataone.researchworkspace.com/mn/v2/packages/application%2Fbagit-097/fdd1aebf-0d84-45>

**7.3. Data access methods or services offered:**

Go to distribution URL link to Animal Telemetry Network and follow data access links.

**7.4. Approximate delay between data collection and dissemination:**

Unknown

**7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:**

Data are not processed. However, data are distributed from Argos with variable timing.

**8. Data Preservation and Protection**

*The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.*

**8.1. Actual or planned long-term data archive location:**

*(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)*

OTHER

**8.1.1. If World Data Center or Other, specify:**

**8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:**

**8.2. Data storage facility prior to being sent to an archive facility (if any):**

National Marine Mammal Laboratory - Seattle, WA

**8.3. Approximate delay between data collection and submission to an archive facility:**

Unknown

**8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?**

*Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection*

IT Security and Contingency Plan for the system establishes procedures and applies to the functions, operations, and resources necessary to recover and restore data as hosted in the Western Regional Support Center in Seattle, Washington, following a disruption.

**9. Additional Line Office or Staff Office Questions**

*Line and Staff Offices may extend this template by inserting additional questions in this section.*